## Genetic Traits Expressed in GMOs in the U.S.

### Apple 
**Genetic Traits:** Non-browning
**Uses:** Food

### Potato 
**Genetic Traits:** Reduced Bruising and Black Spot, Non-browning, Low Acrylamide, Blight Resistance
**Uses:** Food

### Canola 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Cooking oil, Animal feed

### Alfalfa 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Animal feed

### Soybean 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:**
- Livestock and poultry feed
- Aquaculture
- Soybean oil (vegetable oil)
- High oleic acid (monounsaturated fatty acid)
- Biodiesel fuel
- Soymilk, soy sauce, tofu, other food uses
- Lecithin
- Pet food
- Adhesives and building materials
- Printing ink
- Other industrial uses

### Rainbow Papaya 
**Genetic Traits:** Disease Resistance
**Uses:** Table fruit

### Field Corn 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
- Drought Tolerance
**Uses:**
- Livestock and poultry feed
- Fuel ethanol
- High-fructose corn syrup and other sweeteners
- Corn oil
- Starch
- Cereal and other food ingredients
- Alcohol
- Industrial uses

### COTTON 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Fiber, Animal feed, Cottonseed oil

### Sugar Beet 
**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Sugar, Animal feed

### Sweet Corn 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Food

### Summer Squash 
**Genetic Traits:**
- Insect Resistance
**Uses:** Food

### Genetically Engineered Cottonseed 
**Uses:** 
- Fiber
- Animal feed
- Cottonseed oil

### Genetically Engineered Soybean 
**Uses:** 
- Livestock and poultry feed
- Other food uses
- Lecithin
- Pet food
- Adhesives and building materials
- Printing ink
- Other industrial uses

### Algae 
**Uses:** 
- Biodiesel fuel
- Aquaculture
- Livestock and poultry feed

### Canola 
**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Cooking oil, Animal feed

### Alfalfa 
**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Animal feed

### Summer Squash 
**Genetic Traits:**
- Disease Resistance
**Uses:** Food

### Papaya 
**Genetic Traits:**
- Disease Resistance
**Uses:** Biodiesel fuel

### Sweet Corn 
**Genetic Traits:**
- Insect Resistance
**Uses:** Food

### Sugar Beet 
**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Sugar, Animal feed

### Cotton 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Fiber, Animal feed, Cottonseed oil

### SWEET CORN 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:** Food

### SOYBEAN 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:**
- Sugar, Animal feed
- Cooking oil
- Animal feed
- other food uses
- Soymilk, soy sauce, tofu, other food uses
- Biodiesel fuel
- Soybean oil (vegetable oil)
- Aquaculture
- Livestock and poultry feed

### Alfalfa 
**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Animal feed

### Summer Squash 
**Genetic Traits:**
- Insect Resistance
**Uses:** Food

### Papaya 
**Genetic Traits:**
- Disease Resistance
**Uses:** Biodiesel fuel

### Sweet Corn 
**Genetic Traits:**
- Insect Resistance
**Uses:** Food

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**Genetic Traits:**
- Herbicide Tolerance
**Uses:** Sugar, Animal feed

### Cotton 
**Genetic Traits:**
- Insect Resistance
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**Uses:** Fiber, Animal feed, Cottonseed oil

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**Genetic Traits:**
- Insect Resistance
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**Uses:** Food

### SOYBEAN 
**Genetic Traits:**
- Insect Resistance
- Herbicide Tolerance
**Uses:**
- Sugar, Animal feed
- Cooking oil
- Animal feed
- other food uses
- Soymilk, soy sauce, tofu, other food uses
- Biodiesel fuel
- Soybean oil (vegetable oil)
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**Genetic Traits:**
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**Uses:** Food
· **Best Food Facts** features information from university-based experts (PhDs and RDs) on many facets of food production, preparation, and consumption: www.bestfoodfacts.org

· **Biology Fortified** provides information and fosters discussion about issues in biology with an emphasis on plant genetics and GMOs: www.biofortified.org

· **Common Ground** promotes conversation between women who grow food and women who buy it: www.findourcommonground.com

· **CropLife International Database** includes nearly 500 scientific studies chronicling the safety and benefits of agricultural biotechnology: www.biotechbenefits.croplife.org

· **U.S. Farmers & Ranchers Alliance** focuses on creating dialogue around current topics related to food production: www.fooddialogues.com

· **Food Insight from the International Food Information Council** provides numerous resources on GM foods: www.foodinsight.org/foodbioguide.aspx

· **GENERAL Database** (also by Biology Fortified) makes studies on GM food easy to find: www.biofortified.org/genera/guide/

· **GMO Answers** enables consumers to ask questions about GMOs and get answers from independent and industry experts: www.gmoanswers.com

· **Grocery Manufacturers Association** provides facts and the latest news on GMOs including the food industry’s position on mandatory GMO labeling: www.factsaboutgmos.org

· **The International Service for the Acquisition of Agri-Biotech Applications** provides communication materials and annual updates on the global status of GM crops: www.isaaa.org

Join us. Ask tough questions. Be skeptical. Be open. We look forward to sharing answers.